



Contact us 415 960 4853

sales@omexindustries.us

www.omexindustries.us

721-9225-050 - Single-Phase Ventilated-USA-DOE

Product Details	
KVA	50.00
Enclosure	NEMA 3R Ventilated
Phase	Single-Phase
Line Voltage	240x480V
Load Voltage	120/240V
E/S Shielded	No
Windings	Aluminum
Temp. rise	150°
Frequency	60 Hz
Taps	2 - 2.5% FCAN; 4 - 2.5% FCBN
Impedance	6.2

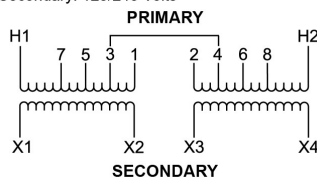
Product Details	
Efficiency Type	DOE-2016
Minimum Efficiency (35%)	98.30
Lugs	Primary: AL/CU Secondary: AL/CU
Approvals	UL, cUL, DOE

Weight & Dimensions (Imperial / Metric)		
A	32.00"	81.28 cms
B	22.00"	55.88 cms
C	25.50"	64.77 cms
D	19.00"	48.26 cms
E	16.00"	40.64 cms
Est Ship Wt	465.00 lbs	210.92 kg

S480F Wiring Diagram & Connections

Wiring Diagram

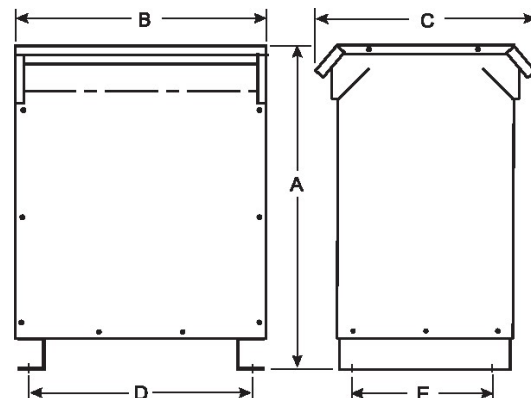
Primary: 240 x 480 Volts
Secondary: 120/240 Volts



Connections

Primary Volts	Jumpers Between Taps Left Coil	Jumpers Between Taps Right Coil	Primary Lines Connect To
504	1	2	H1, H2
492	3	2	H1, H2
480	3	4	H1, H2
468	5	4	H1, H2
456	5	6	H1, H2
444	7	6	H1, H2
432	7	8	H1, H2
252	H2, 1	H1, 2	H1, H2
240	H2, 3	H1, 4	H1, H2
228	H2, 5	H1, 6	H1, H2
216	H2, 7	H1, 8	H1, H2

Secondary Volts	Interconnect	Secondary Lines Connect To
240	X2 to X3	X1, X4
120/240	X2 to X3	X1, X2, X4
120	X1 to X3 X2 to X4	X1, X4



All specifications subject to change. Contact Factory for certified drawings. © 2024 OMEX Industries LLC.